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E. Coakley
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file A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Syed M. Mohiuddin and
Daniel E. Hilleman

Serial No.: 330,156

Group 336

Filed: March 29, 1989

Examiner Polutta

For: NOVEL METHOD OF MYOCARDIAL IMAGING

P R E L I M I N A R Y A M E N D M E N T

Commissioner of Patents & Trademarks

Washington, D. C. 20231

Sir:

Please cancel claims 1 - 11 and insert the following
new claims:

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12. The method comprising the use of an agent
which is adenosine, functional adenosine receptor agonists,
metabolic precursors or by-products of adenosine, or phos-
phorylated derivatives of adenosine as a substitute for ex-
ercise in conjunction with myocardial perfusion imaging to
detect the presence and/or assess the severity of coronary
artery disease in humans.

13. The method comprising the use of an agent
which is adenosine, functional adenosine receptor agonists,
metabolic precursors or by-products of adenosine, or phos-